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SECTION 14

ONLINE STORAGE CONTROLLER

A Data Storage Controller (DSC) is a specialized multiprotocol computer system with an attached disk array that serves in the role of a disk array controller and end node in Base/Post/Camp/Station (B/P/C/S) networks. The DSC is typically a Military Department (MILDEP) asset connected to the Assured Services Local Area Network (LAN) (ASLAN), but the DSC is not considered part of the ASLAN. A DSC provides data storage and services as depicted in [Table 14-1](#), DSC Data Storage and Service Types.

Table 14-1. DSC Data Storage and Service Types

STORAGE TYPE	NETWORK INFRASTRUCTURE
Network Attached Storage (NAS)	Ethernet Multiprotocol: NFS, CIFS, iSCSI, HTTP, FTP
Storage Area Network (SAN)	Fibre Channel (FC) Fibre Channel Protocol (FCP)
Converged Network	Ethernet Multiprotocol: NFS, CIFS, iSCSI, HTTP, FTP Fibre Channel over Ethernet (FCoE) Data Center Bridging (DCB)
LEGEND CIFS: Common Internet File System FCP: Fibre Channel Protocol NAS: Network Attached Storage DCB: Data Center Bridging FTP: File Transfer Protocol NFS: Network File System FC: Fibre Channel HTTP: HyperText Transfer Protocol SAN: Storage Area Network FCoE: Fibre Channel over Ethernet iSCSI: Internet Small Computer System Interface	

The DSC features and capabilities listed in UCR 2013, Section 14, Online Storage Controller, may be offered as part of a unified capability offering associated with other products on the Approved Products List (APL). The definitions for DSC are found in Appendix C, Definitions, Abbreviations and Acronyms, and References.